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(54) THERMOSETTING COATING COMPOSITION

(57) Abstract:

PURPOSE: To obtain the title composition containing an acrylic resin containing a carboxylic group, acrylic resin containing an epoxy group, specific amount of amino resin, and quaternary phosphonium salt and having excellent water, solvent and scratch resistances, finish appearance and acid resistance.

CONSTITUTION: The aimed composition consisting essentially of (A) an acrylic resin having a carboxyl

group and hydroxyl group in one molecule and having hydroxyl number of 40-90mg KOH/g, preferably 45-80mg KOH/g, (B) acrylic resin having an epoxy group and hydroxyl group in one molecule and having hydroxyl number of 40-90mg KOH/g, preferably 45-80mg KOH/g, (C) amino resin and (D) quaternary phosphonium salt and having the component C of 5-30wt.% based on the total amount of components A, B and C and having glass transition temperature Tg of acrylic resin of each component A and component B exceeding 50°C.

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